

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-760 REV. D
 AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-760 REV. 3
 REF CANADIAN STC: SH07-37
 FAA STC: SR02492NY
 EASA STC: EASA.IM.R.S.01361

Purpose:

The purpose of this DSI is to add the D412-760-911/-913 Cargo Floor Protector Kits and D412-760-921/-923/-925 Cargo Area Protector Kits to assist operators in meeting USFS Contract Requirements. D412-760-911/-913 are shown in Figure 1 and D412-760-921/-923/-925 are shown in Figure 2.

Part List:

-911	-913	-921	-923	-925	Part Number	Description
X					D412-760-911	Cargo Floor Protector Kit (205/210/212)
	X				D412-760-913	Cargo Floor Protector Kit (412)
		X			D412-760-921	Cargo Area Protector Kit (205/210)
			X		D412-760-923	Cargo Area Protector Kit (212)
				X	D412-760-925	Cargo Area Protector Kit (412)
1		1	1		D3575-1	Cabin Floor Protector
1		1	1		D3575-2	Cabin Floor Protector
	1			1	D3575-5	Cabin Floor Protector
	1			1	D3575-6	Cabin Floor Protector
6	6	6	6	6	D3580-1	Joggle Bracket
14	14	18	18	18	D3628-1	Cupped Washer
1	1	1	1	1	D3876-11	Floor Protector
	1	1	1	1	D3876-3	Forward Wall Protector
	1	1	1	1	D3933-1	LH Aft Cabin Wall Protector
	1	1	1	1	D3933-2	RH Aft Cabin Wall Protector
		1	1	1	D3935-1	LH Pylon Protector
		1	1	1	D3935-2	RH Pylon Protector
		1			D3935-3	LH Pylon Protector
		1			D3935-4	RH Pylon Protector
		14	14	14	D3942-1	Angle
		10	10	10	D3942-3	Clip
1	1	1	1	1	D3952-1	Placard
8	8	12	12	12	80-004-2-6	Insert
12	12	12	12	12	NAS1149D0363J	Washer (AN960JD10)
6	6	6	6	6	MS24694S54	Screw
8	8	12	12	12	MS27039-1-04	Screw
		4	4	4	MS27039-4-10	Screw
		6	6	6	MS27039-4-14	Screw
		6	6	6	MS27039-5-08	Screw
		8	8	8	MS27039-5-12	Screw

All parts to be installed per the corresponding Sections of IIN-D412-760 and maintained per ICA-D412-760.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	09.10.20
CERT. NO.:	SH07-37
ISSUE NO.:	1

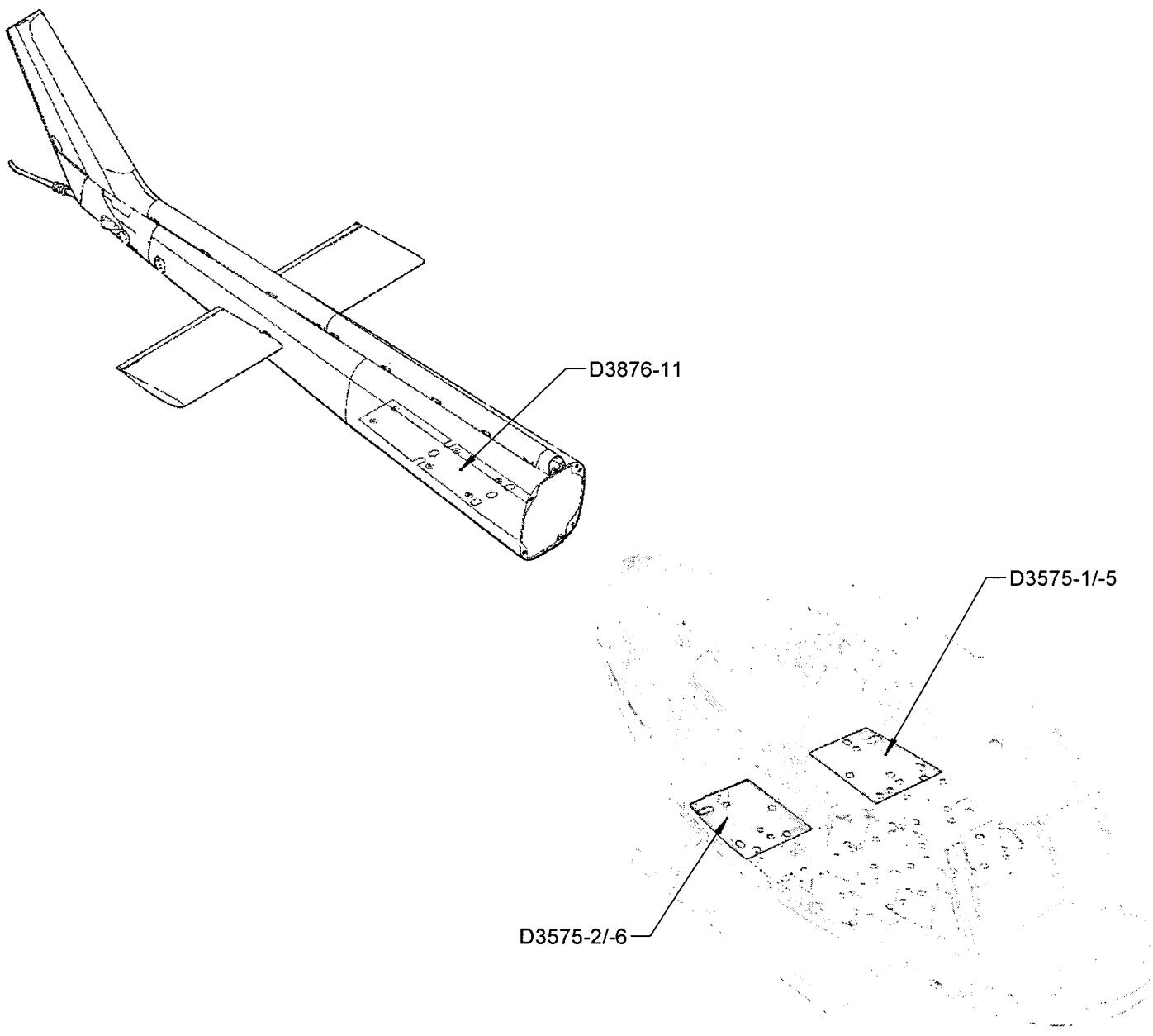
A	NEW ISSUE			RF	09.10.20	
REV.	DESCRIPTION			BY	DATE	
DESIGN		DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN		RF				
CHECKED		11	DRAWING NO.		REV. A	
MFG. APPR.		N/A	DSI 9487		SHEET 1 OF 4	
APPROVED		11	TITLE		SCALE	
DE APPR.		11	FLOOR/CARGO AREA PROTECTOR KIT		NTS	
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Weight and Balance

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-760-911 Cargo Floor Protector Kit (205/210/212)	17.9 lb 8.12 kg	±0.0 in ±0.0 m	±0.0 in-lb ±0.0 m-kg	208.0 in 5.28 m	3723.2 in-lb 42.87 m-kg
D412-760-913 Cargo Floor Protector Kit (412)	17.9 lb 8.12 kg	±0.0 in ±0.0 m	±0.0 in-lb ±0.0 m-kg	208.0 in 5.28 m	3723.2 in-lb 42.87 m-kg
D412-760-921 Cargo Area Protector Kit (205/210)	43.5 lb 19.73 kg	±0.0 in ±0.0 m	±0.0 in-lb ±0.0 m-kg	184.0 in 4.67 m	8004.0 in-lb 92.14 m-kg
D412-760-923 Cargo Area Protector Kit (212)	43.5 lb 19.73 kg	±0.0 in ±0.0 m	±0.0 in-lb ±0.0 m-kg	184.0 in 4.67 m	8004.0 in-lb 92.14 m-kg
D412-760-925 Cargo Area Protector Kit (412)	43.5 lb 19.73 kg	±0.0 in ±0.0 m	±0.0 in-lb ±0.0 m-kg	184.0 in 4.67 m	8004.0 in-lb 92.14 m-kg

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MFG. APPR.	N/A	DSI 9487	SHEET 2 OF 4
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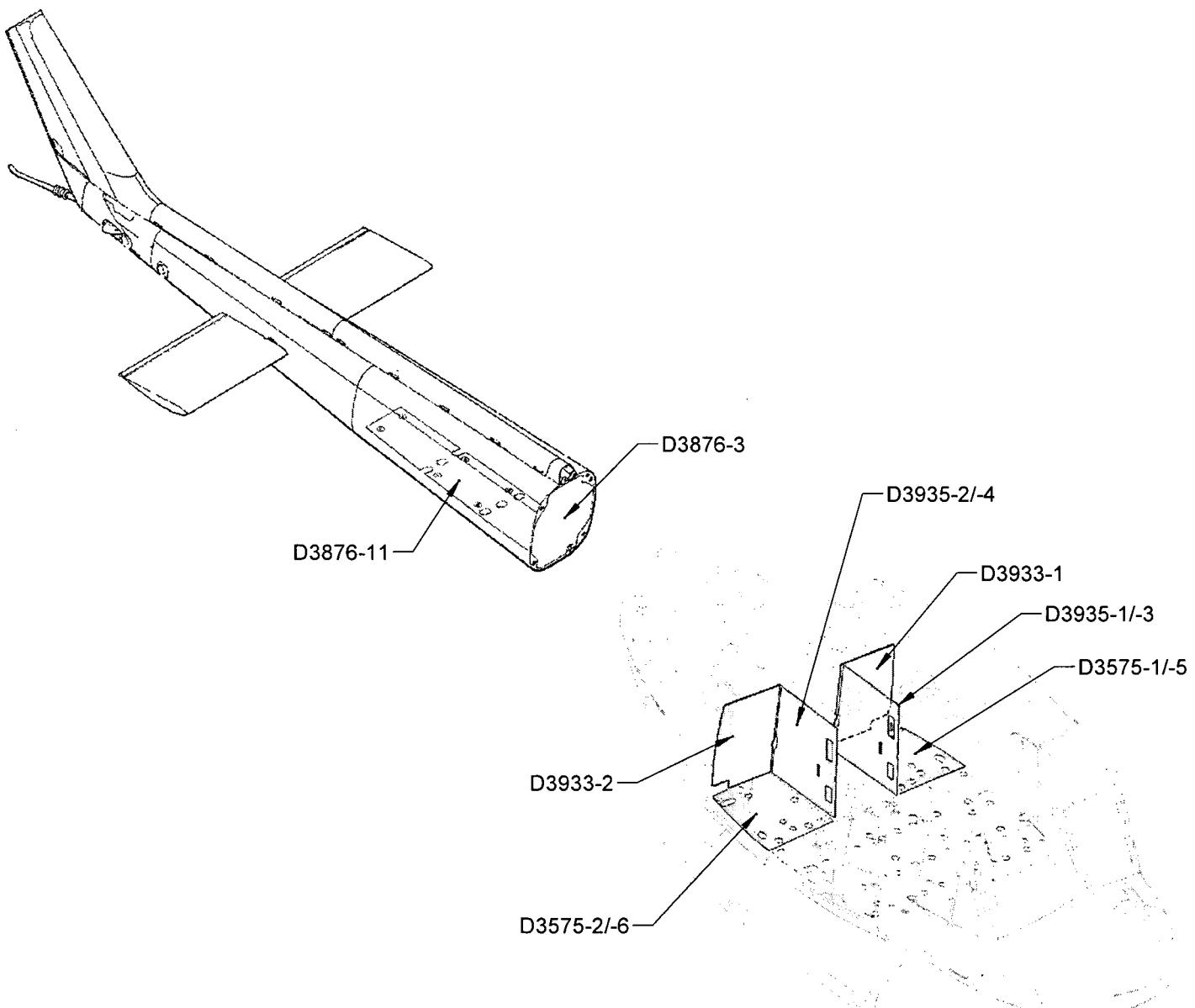


**Figure 1. - D412-760-911/-913
Cargo Floor Protector Kit (205/210/212/412)**

CANADA	
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MFG. APPR.	N/A	DSI 9487	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	
DE APPR.	<i>[Signature]</i>	SCALE	
DATE	09.10.20	FLOOR/CARGO AREA PROTECTOR KIT NTS	

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**Figure 2. - D412-760-921/-923/-925
Cargo Area Protector Kit (205/210/212/412)**

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	09.10.20
CERT. NO.:	SH07-37
ISSUE NO.:	1

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9487	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	FLOOR/CARGO AREA PROTECTOR KIT	NTS
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